CLAIMS

What is claimed is:

- 1 1. A method of correctly ordering test code for testing software components
- 2 comprising the steps of:
- generating test code for testing a software component;
- 4 utilizing a software diagramming tool to provide at least one sequence
- 5 diagram of said software component; and
- ordering said test code in accordance with said sequence diagram.
- 1 2. The method of claim 1 wherein said software component is selected from
- the group comprising COM, DCOM, COM+, Corba, and EJB.
- 1 3. The method of claim 1 wherein said step of generating test code comprises
- 2 the step of determining at least one method of said software component.
- 1 4. The method of claim 3 further comprising the step of evaluating said at
- 2 least one method to determine the type of data required to test said at least one
- 3 method.
- 1 5. The method of claim 3 further comprising the step of evaluating said at
- 2 least one method to determine parameters to be passed to said at least one method
- in order to test said at least one method of said software component.
- 1 6. A computer program product comprising a computer usable medium
- 2 having computer readable code thereon for correctly ordering test code for testing
- 3 software components, the computer readable code comprising:

- 4 instructions for generating test code for testing a software component;
- instructions for utilizing a software diagramming tool to provide at least
- 6 one sequence diagram of said software component; and
- 7 instructions for ordering said test code in accordance with said sequence
- 8 diagram.
- 1 7. The computer program product of claim 6 wherein said software
- 2 component is selected from the group comprising COM, DCOM, COM+, Corba,
- 3 and EJB.
- 1 8. The computer program product of claim 6 wherein said instructions for
- 2 generating test code further comprise instructions for determining at least one
- 3 method of said software component.
- 1 9. The computer program product of claim 8 further comprising instructions
- 2 for evaluating said at least one method to determine the type of data required to
- 3 test said at least one method.
- 1 10. The computer program product of claim 8 further comprising instructions
- 2 for evaluating said at least one method to determine parameters to be passed to
- said at least one method in order to test said at least one method of said software
- 4 component.